

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	0	318/801 and invert and (converter\$4 rectify\$4 rectification) and (ac (alternat\$4 near4 current)) and (dc (direct\$2 near4 current)) and (pwm puls\$4 wave\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/16 06:46
S2	521	318/801 and inverter and (converter\$4 rectify\$4 rectification) and (ac (alternat\$4 near4 current)) and (dc (direct\$2 near4 current)) and (pwm puls\$4 wave\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/29 17:09
S3	1536	(318/801).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/29 17:07
S4	271	S3 and inverter and (converter\$4 rectify\$4 rectification) and (ac (alternat\$4 near4 current)) and (dc (direct\$2 near4 current)) and (pwm puls\$4 wave\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/21 05:48
S5	2	"20050001582"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/16 06:49
S6	43	318/801.ccls. and (dc\$2 adj2 ac\$2) and (ac\$2 adj2 dc\$2) and (pwm modul\$4 rectangular) and (generat\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/16 06:55
S7	30	318/801.ccls. and (dc\$2 adj2 ac\$2) and (ac\$2 adj2 dc\$2) and (pwm modul\$4 rectangular) and (generator generation)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/16 07:10
S8	23	318/801.ccls. and (dc\$2 adj2 ac\$2) and (ac\$2 adj2 dc\$2) and (pwm modul\$4 rectangular) and (generator generation) and (((dc\$2 (direct\$2 adj2 current) (d\$1 adj1 c\$2)) near2 source) battery)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/16 07:10
S9	7	S7 not S8	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/16 07:09
S10	13	S6 not S7	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/16 07:09

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S11	27	318/801.ccls. and (dc\$2 adj2 ac\$2) and (ac\$2 adj2 dc\$2) and (pwm modulat\$4 rectangular) and (generator generation) and (((dc\$2 (direct\$2 adj2 current) (d\$1 adj1 c\$2)) near2 (input source)) battery)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/16 07:12
S12	37	318/801.ccls. and (dc\$2 adj2 ac\$2) and (ac\$2 adj2 dc\$2) and (pwm modulat\$4 rectangular) and (generat\$4) and (((dc\$2 (direct\$2 adj2 current) (d\$1 adj1 c\$2)) near2 (input source)) battery)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/16 07:14
S13	250	318/801.ccls. and (pwm modulat\$4 rectangular) and (generat\$4) and (((dc\$2 (direct\$2 adj2 current) (d\$1 adj1 c\$2)) near2 (input source)) battery)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/16 08:06
S14	10	("20040104704" "20040124808" "4808078" "5309349" "5436547" "5640073" "5782610" "6049474" "6501662" "6646411").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/16 07:16
S15	1	("2004/0124808").URPN.	USPAT	OR	ON	2006/12/16 07:18
S16	107	318/801.ccls. and (pwm modulat\$4 rectangular) and (generat\$4) and (((dc\$2 (direct\$2 adj2 current) (d\$1 adj1 c\$2)) near2 (input source)) battery) and (current near4 (maximum threshold limit\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/16 08:11
S17	11	318/801.ccls. and (pwm modulat\$4 rectangular) and (generat\$4) and (((dc\$2 (direct\$2 adj2 current) (d\$1 adj1 c\$2)) near2 (input source)) battery) and ((current near4 (below less (less\$2 adj2 than) (lower\$2 adj2 than)))) near4 (maximum threshold limit\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/16 08:15
S18	15	318/801.ccls. and (pwm modulat\$4 rectangular) and (generat\$4) and (((dc\$2 (direct\$2 adj2 current) (d\$1 adj1 c\$2)) near2 (input source)) battery) and ((current near4 (below lower\$4 less (less\$2 adj2 than) (lower\$2 adj2 than)))) near4 (maximum threshold limit\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/16 08:18

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S19	24	318/801.ccls. and (pwm modulat\$4 rectangular) and (generat\$4) and (((dc\$2 (direct\$2 adj2 current) (d\$1 adj1 c\$2)) near2 (input source)) battery) and ((current near4 (below reduc\$4 reduction lower\$4 less (less\$2 adj2 than) (lower\$2 adj2 than))) near4 (maximum threshold limit\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/16 08:32
S20	47	318/801.ccls. and (pwm modulat\$4 rectangular) and (generat\$4) and (((dc\$2 (direct\$2 adj2 current) (d\$1 adj1 c\$2)) near2 (input source)) battery) and ((current near9 (below reduc\$4 reduction lower\$4 less (less\$2 adj2 than) (lower\$2 adj2 than))) near9 (allow\$4 allowable maximum threshold limit\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/16 08:37
S21	23	S20 not S19	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/16 08:34
S22	47	318/801.ccls. and (pwm modulat\$4 rectangular) and (generat\$4) and (((dc\$2 (direct\$2 adj2 current) (d\$1 adj1 c\$2)) near2 (input source)) battery) and ((current near9 (below reduc\$4 reduction lower\$4 less (less\$2 adj2 than) (lower\$2 adj2 than))) near9 (allow\$4 allowable maximum threshold referece desir\$4 desirable limit\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/16 08:47
S23	109	318/801 and (pwm modulat\$4 rectangular) and (generat\$4) and (((dc\$2 (direct\$2 adj2 current) (d\$1 adj1 c\$2)) near2 (input source)) battery) and ((current near9 (below reduc\$4 reduction lower\$4 less (less\$2 adj2 than) (lower\$2 adj2 than))) near9 (allow\$4 allowable maximum threshold referece desir\$4 desirable limit\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/16 09:33
S24	63	S23 not S22	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/16 08:59
S25	21	S24 and engine	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/16 08:59

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S26	29	318/801 and (pwm modulat\$4 rectangular) and (generat\$4) and (((dc\$2 (direct\$2 adj2 current) (d\$1 adj1 c\$2)) near2 (input source)) battery) and ((current near9 (below reduc\$4 reduction lower\$4 less (less\$2 adj2 than) (lower\$2 adj2 than))) near9 (allow\$4 allowable maximum threshold referece desir\$4 desirable limit\$4)) and (resistance near9 (coil winding))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/16 09:40
S27	14	318/801 and (pwm modulat\$4 rectangular) and (generat\$4) and (((dc\$2 (direct\$2 adj2 current) (d\$1 adj1 c\$2)) near2 (input source)) battery) and ((speed velocity) near9 (below reduc\$4 reduction lower\$4 less (less\$2 adj2 than) (lower\$2 adj2 than))) and ((angle angular) near4 ((half\$2 adj2 cycle) ("180"\$2 adj2 degree)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/16 09:44
S28	0	318/801 and (pwm modulat\$4 rectangular) and (generat\$4) and (((dc\$2 (direct\$2 adj2 current) (d\$1 adj1 c\$2)) near2 (input source)) battery) and ((speed velocity) near9 (below reduc\$4 reduction lower\$4 less (less\$2 adj2 than) (lower\$2 adj2 than))) and ((angle angular) near4 ((half\$2 adj2 cycle) ("180"\$2 adj2 degree))) and (((speed velocity) near9 (below reduc\$4 reduction lower\$4 less (less\$2 adj2 than) (lower\$2 adj2 than))) same ((angle angular) near4 ((half\$2 adj2 cycle) ("180"\$2 adj2 degree))))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/21 07:22
S29	0	318/801 and (pwm modulat\$4 rectangular) and (generat\$4) and (((dc\$2 (direct\$2 adj2 current) (d\$1 adj1 c\$2)) near2 (input source)) battery) and ((speed velocity) near9 (below reduc\$4 reduction lower\$4 less (less\$2 adj2 than) (lower\$2 adj2 than))) and ((angle angular) near4 ((half\$2 adj2 cycle) ("180"\$2 adj2 degree))) and (((speed velocity) near9 (below reduc\$4 reduction lower\$4 less (less\$2 adj2 than) (lower\$2 adj2 than))) same ((half\$2 adj2 cycle) ("180"\$2 adj2 degree)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/16 09:53

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S30	0	318/801 and (pwm modulat\$4 rectangular) and (((dc\$2 (direct\$2 adj2 current) (d\$1 adj1 c\$2)) near2 (input source)) battery) and ((speed velocity) near9 (below reduc\$4 reduction lower\$4 less (less\$2 adj2 than) (lower\$2 adj2 than))) and ((angle angular) near4 ((half\$2 adj2 cycle) ("180"\$2 adj2 degree))) and (((speed velocity) near9 (below reduc\$4 reduction lower\$4 less (less\$2 adj2 than) (lower\$2 adj2 than))) same ((half\$2 adj2 cycle) ("180"\$2 adj2 degree)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/16 09:55
S31	0	318/801 and (pwm modulat\$4 rectangular) and (((dc\$2 (direct\$2 adj2 current) (d\$1 adj1 c\$2)) near2 (input source)) battery) and (decelerat\$4 ((speed velocity) near9 (below reduc\$4 reduction lower\$4 less (less\$2 adj2 than) (lower\$2 adj2 than)))) and ((angle angular) near4 ((half\$2 adj2 cycle) (one\$2 adj2 half) ("180"\$2 adj2 degree))) and ((decelerat\$4 ((speed velocity) near9 (below reduc\$4 reduction lower\$4 less (less\$2 adj2 than) (lower\$2 adj2 than)))) same ((angle angular) near4 ((half\$2 adj2 cycle) (one\$2 adj2 half) ("180"\$2 adj2 degree))))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/16 09:57
S32	3	"318"/\$.cccls. and (pwm modulat\$4 rectangular) and (((dc\$2 (direct\$2 adj2 current) (d\$1 adj1 c\$2)) near2 (input source)) battery) and (decelerat\$4 ((speed velocity) near9 (below reduc\$4 reduction lower\$4 less (less\$2 adj2 than) (lower\$2 adj2 than)))) and ((angle angular) near4 ((half\$2 adj2 cycle) (one\$2 adj2 half) ("180"\$2 adj2 degree))) and ((decelerat\$4 ((speed velocity) near9 (below reduc\$4 reduction lower\$4 less (less\$2 adj2 than) (lower\$2 adj2 than)))) same ((angle angular) near4 ((half\$2 adj2 cycle) (one\$2 adj2 half) ("180"\$2 adj2 degree))))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/16 10:06

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S33	8	"318"/\$.cccls. and (pwm modulat\$4 rectangular) and (((dc\$2 (direct\$2 adj2 current) (d\$1 adj1 c\$2)) near2 (input source)) battery) and (decelerat\$4 ((speed velocity voltage) near9 (below reduc\$4 reduction lower\$4 less (less\$2 adj2 than) (lower\$2 adj2 than)))) and ((angle angular) near4 ((half\$2 adj2 cycle) (one\$2 adj2 half) ("180"\$2 adj2 degree))) and ((decelerat\$4 ((speed velocity voltage) near9 (below reduc\$4 reduction lower\$4 less (less\$2 adj2 than) (lower\$2 adj2 than)))) same ((angle angular) near4 ((half\$2 adj2 cycle) (one\$2 adj2 half) ("180"\$2 adj2 degree)))))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/16 10:18
S34	11	"318"/\$.cccls. and (pwm modulat\$4 rectangular) and (((dc\$2 (direct\$2 adj2 current) (d\$1 adj1 c\$2)) near2 (input source)) battery) and ((angle angular) near4 ((half\$2 adj2 cycle) (one\$2 adj2 half) ("180"\$2 adj2 degree))) and (temperature near4 (increas\$4 ris\$4 rais\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/16 10:26
S35	1	"318"/\$.cccls. and (pwm modulat\$4 rectangular) and (((dc\$2 (direct\$2 adj2 current) (d\$1 adj1 c\$2)) near2 (input source)) battery) and ((pulse\$2 adj2 width) near4 (maximum threshold)) and ((angle angular) near4 ((half\$2 adj2 cycle) (one\$2 adj2 half) ("180"\$2 adj2 degree))) and (temperature near4 (increas\$4 ris\$4 rais\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/16 10:24
S36	1	"318"/\$.cccls. and (pwm modulat\$4 rectangular) and (((dc\$2 (direct\$2 adj2 current) (d\$1 adj1 c\$2)) near2 (input source)) battery) and ((angle angular) near4 ((half\$2 adj2 cycle) (one\$2 adj2 half) ("180"\$2 adj2 degree))) and (temperature near4 (increas\$4 ris\$4 rais\$4)) and (voltage near4 (below reduc\$4 reduction lower\$4 less (less\$2 adj2 than) (lower\$2 adj2 than)))) and ((temperature near4 (increas\$4 ris\$4 rais\$4)) same (voltage near4 (below reduc\$4 reduction lower\$4 less (less\$2 adj2 than) (lower\$2 adj2 than))))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/16 10:29

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S37	2	"318"/\$.ccls. and (pwm modulat\$4 rectangular) and (((dc\$2 (direct\$2 adj2 current) (d\$1 adj1 c\$2)) near2 (input source)) battery) and ((angle angular) near4 ((half\$2 adj2 cycle) (one\$2 adj2 half) ("180"\$2 adj2 degree))) and (temperature near9 (increas\$4 ris\$4 rais\$4)) and (voltage near9 (below reduc\$4 reduction lower\$4 less (less\$2 adj2 than) (lower\$2 adj2 than))) and ((temperature near9 (increas\$4 ris\$4 rais\$4)) same (voltage near9 (below reduc\$4 reduction lower\$4 less (less\$2 adj2 than) (lower\$2 adj2 than))))))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/16 10:39
S38	9482	"318"/\$.ccls. and (((dc\$2 (direct\$2 adj2 current) (d\$1 adj1 c\$2)) near2 (input source)) battery)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/16 10:37
S39	3	S38 and ((angle angular) near4 ((half\$2 adj2 cycle) (one\$2 adj2 half) ("180"\$2 adj2 degree))) and (temperature near9 (increas\$4 ris\$4 rais\$4)) and (voltage near9 (below reduc\$4 reduction lower\$4 less (less\$2 adj2 than) (lower\$2 adj2 than))) and ((temperature near9 (increas\$4 ris\$4 rais\$4)) same (voltage near9 (below reduc\$4 reduction lower\$4 less (less\$2 adj2 than) (lower\$2 adj2 than))))))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/16 10:46
S40	11	S38 and (((half\$2 adj2 cycle) (one\$2 adj2 half) ("180"\$2 adj2 degree))) and (temperature near9 (increas\$4 ris\$4 rais\$4)) and (voltage near9 (below reduc\$4 reduction lower\$4 less (less\$2 adj2 than) (lower\$2 adj2 than))) and ((temperature near9 (increas\$4 ris\$4 rais\$4)) same (voltage near9 (below reduc\$4 reduction lower\$4 less (less\$2 adj2 than) (lower\$2 adj2 than))))))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/16 10:51

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S41	16	S38 and (((half\$2 adj2 cycle) (one\$2 adj2 half) ("180"\$2 adj2 degree))) and (temperature near9 (increas\$4 ris\$4 rais\$4 exceed\$4 (greater\$2 adj2 than) greater)) and (voltage near9 (below reduc\$4 reduction lower\$4 less (less\$2 adj2 than) (lower\$2 adj2 than))) and ((temperature near9 (increas\$4 ris\$4 rais\$4 exceed\$4 (greater\$2 adj2 than) greater)) same (voltage near9 (below reduc\$4 reduction lower\$4 less (less\$2 adj2 than) (lower\$2 adj2 than))))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/16 10:54
S42	5	S41 not S40	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/16 10:53
S43	17	S38 and (((half\$2 adj2 cycle) (one\$2 adj2 half) ("180"\$2 adj2 degree))) and (temperature near9 (increas\$4 ris\$4 rais\$4 exceed\$4 (greater\$2 adj2 than) greater)) and ((pulse width voltage) near9 (below reduc\$4 reduction lower\$4 less (less\$2 adj2 than) (lower\$2 adj2 than))) and ((temperature near9 (increas\$4 ris\$4 rais\$4 exceed\$4 (greater\$2 adj2 than) greater)) same ((pulse width voltage) near9 (below reduc\$4 reduction lower\$4 less (less\$2 adj2 than) (lower\$2 adj2 than))))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/16 10:55
S44	1	S43 not S41	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/16 10:55
S45	5	318/801 and (((half\$2 adj2 cycle) (one\$2 adj2 half) ("180"\$2 adj2 degree))) and (temperature near9 (increas\$4 ris\$4 rais\$4 exceed\$4 (greater\$2 adj2 than) greater)) and ((pulse width voltage) near9 (below reduc\$4 reduction lower\$4 less (less\$2 adj2 than) (lower\$2 adj2 than))) and ((temperature near9 (increas\$4 ris\$4 rais\$4 exceed\$4 (greater\$2 adj2 than) greater)) same ((pulse width voltage) near9 (below reduc\$4 reduction lower\$4 less (less\$2 adj2 than) (lower\$2 adj2 than))))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/16 10:56

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S46	18	318/801 and (temperature near9 (increas\$4 ris\$4 rais\$4 exceed\$4 (greater\$2 adj2 than) greater)) and ((pulse width voltage) near9 (below reduc\$4 reduction lower\$4 less (less\$2 adj2 than) (lower\$2 adj2 than))) and ((temperature near9 (increas\$4 ris\$4 rais\$4 exceed\$4 (greater\$2 adj2 than) greater)) same ((pulse width voltage) near9 (below reduc\$4 reduction lower\$4 less (less\$2 adj2 than) (lower\$2 adj2 than))))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/16 11:00
S47	5	318/801 and ((temperature near4 (increas\$4 exceed\$4 excessive ris\$4 rais\$4)) same (voltage near4 (decreas\$4 lower\$4)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/16 11:05
S48	121	"318"/\$.ccls. and ((temperature near4 (increas\$4 exceed\$4 excessive ris\$4 rais\$4)) same (voltage near4 (decreas\$4 lower\$4)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/16 11:05
S49	29	"318"/\$.ccls. and ((temperature near4 (increas\$4 exceed\$4 excessive ris\$4 rais\$4)) same (voltage near4 (decreas\$4 lower\$4))) and (((half\$2 adj2 cycle) (one\$2 adj2 half) ("180"\$2 adj2 degree)))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/16 11:10
S50	1	318/801 and engine and (engine near4 start\$4) and (pwm modulat\$4 rectangular) and (period interval time timing) and (laps\$4 near (period interval time timing))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/12/16 11:13